

<b>FORM PTO-1390 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE</b>  <b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER 29888-5  U.S. APPLIC. NO. (if known, see 37 CFR 1.5) <b>10/551804</b>
INTERNATIONAL APPLICATION NO. PCT/SE2004/000589	INTERNATIONAL FILING DATE 14 April 2004	PRIORITY DATE CLAIMED 14 April 2003
TITLE OF INVENTION                      Nucleotide Vaccine Composition		
APPLICANT(S) FOR DO/EO/US            Mallen Huang		
<p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> <li>1.     <input checked="" type="checkbox"/>     This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2.     <input type="checkbox"/>     This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3.     <input type="checkbox"/>     This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4.     <input type="checkbox"/>     The U.S. has been elected.</li> <li>5.     <input checked="" type="checkbox"/>     A copy of the International Application as filed (35 U.S.C. 371(c)(2))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau (21 October 2004).</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</li> </ol> </li> <li>6.     <input type="checkbox"/>     An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).</li> <li>7.     <input checked="" type="checkbox"/>     Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input type="checkbox"/> have been transmitted by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendment has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8.     <input type="checkbox"/>     An English translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9.     <input type="checkbox"/>     An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10.    <input type="checkbox"/>     An English translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> <p><b>Items 11. to 20. below concern other document(s) or information included:</b></p> <ol style="list-style-type: none"> <li>11.    <input type="checkbox"/>     An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12.    <input type="checkbox"/>     An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13.    <input checked="" type="checkbox"/>     A <b>FIRST</b> preliminary amendment.              <input type="checkbox"/>     A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</li> <li>14.    <input type="checkbox"/>     An Application Data Sheet under 37 CFR 1.76.</li> <li>15.    <input type="checkbox"/>     A substitute specification.</li> <li>16.    <input type="checkbox"/>     A change of power of attorney and/or address letter.</li> <li>17.    <input type="checkbox"/>     A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</li> <li>18.    <input type="checkbox"/>     A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>19.    <input type="checkbox"/>     A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li>20.    <input checked="" type="checkbox"/>     Other items or information: Copy of published International Application WO 2004/089413 A1, including International Search Report</li> </ol>		

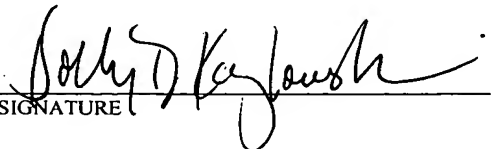
**CERTIFICATE OF MAILING**

"Express Mail" mailing label #: EV 714525461US

Date of Deposit: September 30, 2005

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Mail Stop PCT; Commissioner for Patents, P.O. Box 1450; Alexandria, VA 22313-1450.

*Brendy Hayes*

U.S. APPLICATION NO. (If known, see 37 CFR 1.459) <b>10/551004</b>		INTERNATIONAL APPLICATION NO. PCT/SE2004/000589		ATTORNEY'S DOCKET NUMBER 29888-5	
				CALCULATIONS	PTO USE ONLY
The following fees have been submitted:					
21.	<input checked="" type="checkbox"/>	Basic national fee.....	\$300	\$300.00	
22.	<input checked="" type="checkbox"/>	Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) ..... All other situations.....	\$100 \$200	\$200.00	
23.	<input checked="" type="checkbox"/>	Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... International Search Report prepared and provided to the Office..... All other situations.....	\$100 \$400 \$500	\$500.00	
<b>TOTAL OF 21, 22 AND 23 =</b>				\$1000.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing field in an electronic medium). The fee is \$250 for each additional 50 sheets or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE	\$	
-100=	/50=		x250	\$	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).				\$130.00	
Claims	Number Filed	Number Extra	Rate		
Total Claims	31-20 =	11	x \$50	\$550.00	
Independent Claims	3-3 =	0	x \$200	\$	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ \$360	\$
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$1680.00	
<input checked="" type="checkbox"/> Applicant claims small entity status, 37 C.F.R. 1.27. Fees above are reduced by 1/2.				\$ 840.00	
<b>SUBTOTAL =</b>				\$ 840.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				+	\$
<b>TOTAL NATIONAL FEE =</b>				\$840.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+	\$
<b>TOTAL FEES ENCLOSED =</b>				\$840.00	
				Amount to be refunded	\$
				Amount to be charged	\$
a. <input type="checkbox"/> A check in the amount of \$_____ to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. 04-1133 in the amount of \$_____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment due, to Deposit Account No. 04-1133. A duplicate copy of this sheet is enclosed. d. <input checked="" type="checkbox"/> Fees are to be charged to a credit card. Authorization on PTO-2038 is enclosed.					
<b>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.</b>					
<input checked="" type="checkbox"/> CUSTOMER NO. 24256		OR		DINSMORE & SHOHL LLP 1900 Chemed Center 255 East Fifth Street Cincinnati, Ohio 45202 (513) 977-8200	
 SIGNATURE		30,468 REGISTRATION NUMBER			
Holly D. Kozlowski TYPED OR PRINTED NAME		September 30, 2005 DATE			